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ctsi Clinical and Translational Science Institute
New York University | NYU Langone Medical Center | Health and Hospitals Corporation | Working together

Happy Anniversary!

Bruce Cronstein, MD

Judith Hochman, MD

July marked the first anniversary of the NIH Clinical Translational Science Award that funds the CTSI. Where are we after our first year? This and prior newsletters have reflected the remarkable progress this comprehensive program has made. Please read about each program and visit the website at http://ctsi.med.nyu.edu/

In the middle of the first year we were reviewed by our external advisory board, composed of a number of distinguished colleagues from around the country. The members of our advisory board included the Director of a large and established CTSI as well as experts in informatics, education and community-based research from CTSIs. In preparation for their visit the directors of each of the components of the CTSI prepared a comprehensive review of their efforts and accomplishments to date. Fortunately we passed with flying colors; each component had created a remarkable structure, was productive and well on its way to achieving its aims. Indeed, the only suggestion was to limit our goals in light of the major NIH cuts to the CTSA budgets.

We have made great progress in establishing our education and career support programs with 4 junior faculty members receiving KL2 support from the CTSI. Our community engagement and population health research (CEPHR) group is sought for advice nationally on promoting community- and outcomes-oriented research. We have made progress in recruiting an outstanding cadre of faculty members to establish the Center for Health Informatics and Bioinformatics, and there is even some progress in developing and mining a federated data warehouse and standardized data collection systems at NYU Langone Medical Center. The biostatistics luncheon consultations were launched and well attended, the TRIP symposia have been extremely popular, and the 17 pilot studies supporting T1-T3 translational research have been funded. Through our Regulatory core, ResearchMatch.org was launched to help link patients and normal individuals who want to participate in trials with appropriate clinical trials. The Clinical Research Center (CRC) continues to support 75 protocols in the areas of AIDS/HIV, Cardiology, Epilepsy, Psychiatry, Pulmonary, and many others. Two supplemental NIH grants have been obtained—to support cores and Comparative Effectiveness research trainees. The Center for Evaluation and Assessment was also created to measure progress and ensure that we are achieving our goals.

Despite our successful record in establishing the structures of the CTSI, supporting pilot and other projects and obtaining supplemental funding, we should note that it is easier to blow out the candles when you are young because there are so few candles. How do we capitalize on our initial successes? This is the challenge that we face as we head into our second year. Among the opportunities is our partnership with the New York City Health and Hospitals Corporation (HHC) to build research that translates medical advances into the improved health of our community. We are optimistic and look forward to working with the program directors and the whole community to achieve these goals.

- Bruce Cronstein, MD & Judith Hochman, MD
Co-Directors of the NYU-HHC CTSI

Inside this issue:

RFA for CTSI Translational Research Pilot Projects

The NYU-HHC Clinical and Translational Science Institute (CTSI) is seeking applications for translational research pilot projects. The intent of the NYU-HHC CTSI Translational Research Pilot Project Awards is to support collaborative scientific studies for one year to enable development of preliminary data that will serve as the foundation for submission of translational research grant applications.

The purpose of the Request for Applications (RFA) is to support the development of T1-T3 translational research among investigators associated with the CTSI. Awards of up to $50,000 will be distributed to support one-year projects (with the potential for one-year no-cost extensions), beginning January, 2011. **A 1-page letter of intent (~500 words) indicating the purpose of the proposed project must be submitted no later than October 1, 2010**. Those invited to apply must submit a full application by **November 17, 2010**.

This call for applications is aimed at all phases of translational research along the continuum from bench to beside to community. **T1** translational research refers to the process of applying discoveries made in the laboratory. **T2** translational research focuses on clinical studies using human subjects. **T3** translational research refers to the translation, diffusion, and adoption of evidence-based health strategies and interventions into community and practice settings (representative methods include community-based participatory research, practice-based research, comparative effectiveness research, behavioral economics, implementation research, and dissemination research).

Please visit the CTSI website (http://ctsi.med.nyu.edu/investigators/grants) for more information. If you have questions, please email Mark Concepcion mark.concepcion@nyumc.org or call him at 212-263-2584.

Clinical Research Center (CRC) Protocol Spotlight: Obesity, Insulin Resistance and Brains in Adolescents

There are over 60 million obese individuals in the United States and the rate of obesity is rising at an alarming rate. The rate of overweight and obesity among children stands at over 30%. Obesity leads to insulin resistance, which is a progressive pre-diabetic condition, and there is emerging evidence that both type 2 diabetes and insulin resistance may damage the brain. The purpose of Dr. Antonio Convit's study is to establish the nature of the cognitive impairments present among obese adolescents with insulin resistance, and by means of a systematic and standardized neuropsychological and MRI- approach to further characterize the brain substrates for those abnormalities. In the CTSI's clinical research center located at Bellevue Hospital 8E, insulin resistance in adolescents is determined by performing a frequently sampled intravenous glucose tolerance test (FSIVGTT). In addition, Dr. Convit's study is looking at matched lean and obese adolescents without insulin resistance to detect whether cognitive impairments exist. Obesity and insulin resistance are associated with inflammation and this too will be evaluated. Future endeavors will include whether adolescents show a reduction in cerebral vascular reactivity that is related to their degree of obesity and insulin resistance.

CTSI Mentor Development Program

To kick off the CTSI's Mentor Development Program, the TREC (Training Research Education and Careers) core and the School of Medicine hosted guest Mitchell Feldman, MD, M.Phil in May, 2010. Dr. Feldman is the Director of the University of California, San Francisco's Faculty Mentoring Program and Co-Director of the Mentor Development Program of UCSF's Clinical and Translational Science Institute. UCSF's mentoring programs are widely regarded as the most dynamic of their kind.

Dr. Feldman's visit exemplified the kind of inter-CTSI collaboration encouraged by the NIH. Over the course of two days, Dr. Feldman conferred with NYU School of Medicine's Senior Vice President and Vice Dean for Science, Dr. Vivian Lee; the principal investigators of NYU's CTSI, Drs. Judith Hochman and Bruce Cronstein; the Division of General Internal Medicine's Director, Dr. Marc Gourevitch; and the CTSI's Mentor Development Program Director, Dr. Adina Kalet. As a result of these meetings, NYU's young mentor development program established a blueprint of six training sessions for an inaugural cohort of fourteen junior faculty mentors. The first session, led by Dr. Feldman, defined the roles and expectations for the mentoring team. Helpful tools, including a check-list for mentors and mentees and the concept of an Individual Development Plan (IDP), were presented and discussed within the context of case scenarios. The rewards and challenges of mentorship were also highlighted, with the cohort ultimately motivated to mentor novice researchers.

The essentials of effective communication between mentors and mentees, including personal awareness, active listening, diversity, and emotional intelligence, were highlighted in the second session. Dr. Feldman provided tools to assess underlying issues affecting the mentee's performance, addressed potential roles of conflict, and demonstrated strategies to help the mentee identify his or her true skills and passions. The remaining four sessions of NYU's Mentor Development Program will address time management, self-differentiation and attunement, leadership, and writing. After the first cohort graduates, the next cohort of mentors will be selected in early 2011.

Dr. Feldman was also invited to speak at a special *Translational Research In Progress* session. His lecture "Enhancing Management of Depression in Primary Care" was attended by clinicians and researchers from across the NYU-HCC campus. Additionally, he presented "Does Mentoring Matter: Enhancing Mentor Development and Assessment in Academic Medicine" at TREC Grand Rounds.

First Cohort of Mentors	
Trainee	**Department/Division**
Melanie Jay	DGIM
(Hsiang) Shonna Yin	DGIM
Antoinette Schoenthaler	DGIM
Yael Goverover	Steinhardt
Mei Fu	Nursing
Peter Izmirly	Rheumatology
Michelle Krogsgaard	Pathology
Jonathan Samuels	Rheumatology
Ruth Lim	Radiology
Nirav Shah	DGIM
Farzana Kapadia	Steinhardt
Svetlana Krasnokutsky	Rheumatology
Steven Sullivan	Medical Parasitology
Colleen Gillespie	DGIM

Grants Received in Comparative Effectiveness

The Community Engagement and Population Health Research (CEPHR) Core of the CTSI is very pleased to announce three grants recently awarded in comparative effectiveness.

- The NYU Health Promotion and Prevention Research Center (NYU PRC) at the NYU School of Medicine received a $3.2 million award from the Centers for Disease Control and Prevention (CDC) to establish a Comparative Effectiveness Research Program focused on hypertension and colorectal cancer health disparities in African-American men in New York City. The NYU PRC is one of only four of the 37 PRC research facilities nationwide to receive this prestigious award. The Comparative Effectiveness Research Program will provide a unique opportunity to develop the research infrastructure of the NYU PRC to conduct community-level and community-driven comparative effectiveness research. Led by Drs. R. Scott Braithwaite, Joseph Ravenell, Mariano Rey, and Chau Trinh-Shevrin, the multidisciplinary team includes faculty investigators from the NYU Health Promotion and Prevention Research Center (PRC) and the NYU School of Medicine's Division of General Internal Medicine (DGIM). Other key faculty investigators include: Drs. Nadia Islam and Simona Kwon (NYU PRC); Drs. Marc Gourevitch, Nirav Shah, Olugbenga Ogedegbe, and Antoinette Schoenthaler (DGIM); Dr. Brian Elbel (DGIM/ Wagner School); and Dr. Nancy Van Devanter (College of Nursing). Community partners include the Arthur Ashe Institute, Church-based Health Outreach and Screening Network (CHOSEN), Community Health Worker Network of New York City, Denny Moe's Superstar Barbershop, Global Cancer Control, and Marian 4 HOPE.

- The Section on Value and Comparative Effectiveness in the Division of General Internal Medicine also received a $2,126,886 award from the Agency for Healthcare Reform and Quality (AHRQ) to establish the Comparative Effectiveness Research Training Program (CERTP). The program will train four post-doctoral physician-scholars in decision-centered comparative effectiveness research; leverage the links between NYU and other stakeholders in the health of the urban underserved to build scholars' skills and professional networks to address real-world research challenges in comparative effectiveness research; and focus these training efforts on mechanisms for improving health and healthcare delivery decisions that affect underserved urban populations. Led by Drs. R. Scott Braithwaite, Mark Schwartz, Nirav Shah, and Marc Gourevitch (DGIM); and Dr. Michael Pillinger (CTSI Training, Research, Education and Careers Core Director); core mentor faculty will include Drs. Olugbenga Ogedegbe and Scott Sherman (DGIM); and Dr. David Bates (Center for Education and Research on Therapeutics on Health-care Information Technology at the Brigham and Women's Hospital and Harvard Medical School). Additional research mentors and teachers will include Drs. Francesca Gany, Sundar Natarajan, and Melissa Bender (DGIM); Dr. Brian Elbel (DGIM/Wagner School); Dr. Judith D. Goldberg (CTSI Biostatistics Core Director); and Dr. Michael Weitzman (Pediatrics).

- Finally, the NYU-HHC CTSI and the Section on Value and Comparative Effectiveness in DGIM was also awarded a CTSI Supplement for $360,159 from the National Institutes of Health (NIH). The award supports development of a Comparative Effectiveness Research Certificate Program in the NYU-HHC CTSI and will allow three clinician trainees to participate in a one-year research training and mentorship program in comparative effectiveness research methods. Leadership and administration of the project will come from Drs. Scott Braithwaite and Mark Schwartz. Other participating faculty will include Drs. Nirav Shah, Marc Gourevitch, and Olugbenga Ogedegbe (DGIM); and Dr. Brian Elbel (DGIM/Wagner School.)

CEPHR Core Undertakes Strategic Planning Process

In May and June 2010, the Community Engagement and Population Health Research (CEPHR) Core's Faculty Steering Committee undertook a strategic planning process to develop an action plan for its work. With the guidance of retreat facilitator Deborah Zahn, staff and members of the committee met for two half-day retreats. The overall goals of the retreats were to:

- Define the role and charge of the CEPHR Steering Committee
- Identify opportunities and challenges for community engagement and population health research within NYU
- Outline a 3-5 year strategic plan

In the first session, the group developed an initial statement of CEPHR's future vision. They identified gaps and resources for achieving its vision, the roles of the group, and initial action steps. In the second session, the group clarified CEPHR's roles and their future vision statement and outlined key elements of a strategic plan, including actions and a timeline. CEPHR staff will use these materials to develop a strategic plan document setting forth strategies to achieve the following goals:

- To facilitate and support community engagement and population health research through consultation, training and education
- To support NYU and HHC researchers to secure extramural funding for community-engaged and population health research
- To make contributions to general knowledge and to policy on population and community health through research
- To develop and support infrastructures to facilitate community-engaged and population health research, particularly in collaboration with HHC
- To advance the science of community engagement and population health
- To support and foster equitable collaborations between communities and researchers to sustain the work of the Core.

The CEPHR Faculty Steering Committee is made up of 32 faculty members from NYU Schools of Medicine, Nursing, Education, Social Work, Public Administration, and Dentistry. The committee includes 3 representatives from the Community Advisory Board, as well as representation from HHC. The CEPHR Core is co-directed by Drs. Mariano Rey and Marc Gourevitch.

Biostatistics Highlights

The Study Design, Biostatistics and Clinical Research Ethics Core held a series of well attended open consulting workshops in June and July 2010. These Workshops offer an opportunity for researchers to obtain a brief statistical consultation regarding study design and analysis issues. These workshops also provide an opportunity to learn about the resources that are available for statistical consultation and collaboration. Workshops will resume in September. Look for the announcement.

A successful collaboration of this Core and other CTSI cores with Dr. Harold Brem, Director, Division of Wound Healing and Regenerative Medicine in the Department of Surgery, resulted in the funding of a new 3-year R01 grant from the Agency for Healthcare Research and Quality (AHRQ) to study "The Wound EMR to Decrease Limb Amputations in Persons with Diabetes" which includes major funding for the Biostatistics team. An on-line pilot of a modular course 'Introduction to Biostatistics' will be available soon. A request for volunteers to participate in this pilot will be forthcoming. We welcome your participation and feedback.

NYU Langone Medical Center Joins ResearchMatch.org

NYU Langone Medical Center is collaborating with other academic medical centers across the country, supported by the NIH/NCRR CTSA program, to make the ResearchMatch.org registry available to researchers and the general public. This web-based recruitment registry was developed to "match" volunteers who are willing to participate in clinical studies with researchers from participating institutions who are using the registry as a volunteer recruitment tool. The ResearchMatch.org program at NYU Langone Medical Center is part of the Regulatory Knowledge and Support Group of the CTSI administered by IRB Director Elan Czeisler.

Learn more about the ResearchMatch registry and access information:

• Researchers: NYU Langone Medical Center/CTSI-affiliated researchers who are interested in using ResearchMatch to recruit for their study may register online at :
http://ctsi.med.nyu.edu/for-investigators-0 .

• Volunteers: Volunteer registration only takes a few minutes. The identity of volunteers remains confidential until volunteers choose to respond "yes" to a contact message about a research study that matches their interests. Volunteers may register at :
https://www.researchmatch.org/?route=nyu .

researchmatch

HHC and NYU Announces the First H-1 Grant Awardees

After review of thirty submissions, three protocols have been selected by the NYU-HHC Clinical and Translational Science Institute for funding through the H-1 Grants Program. Made possible by the NYU-HHC CTSI, this important opportunity will expand and enhance research at HHC through the funding of the following projects:

Screening for Depression in Mexican and Ecuadorian Primary Care Patients
by Dr. Demara Gutnick at Bellevue Hospital Center

Disseminating New Hypertension Treatment Guidelines to Reduce Clinical Inertia in a Public Health System, by Dr. Balavenkatesh Kanna at Lincoln Medical and Mental Health Center

Dissemination of a Health Literacy Intervention to Improve Provider-Parent Communication of Medication Instructions, by Dr. Hsiang Yin at 2 HHC sites: Bellevue Hospital and Woodhull Medical and Mental Health Center

These projects are just one example of how the CTSI is helping to expand research opportunities to benefit patients and advance medical treatment and care delivery.

NYC HHC R.E.C.O.R.D. Conference 2010

Research Enhancement, Compliance, Orientation and Resource Development

October 5-6, 2010
Coordinated by: HHC Research Administration &
Lincoln Hospital's Center for Clinical and Community Research
Venue: Lincoln Medical and Mental Health Center

Sample topics include:

Translational Research to Improve Access and Treatment for Minority Populations
– Bruce Cronstein, MD
Clinical & Health Care Services Research in NYC
– Marc Gourevitch MD
CBPR Approach to Prevention of Chronic Diseases in Minority Populations
– Mariano Rey, MD
Grant Writing – Leading by example
-Kate Fahy
How to Conduct Clinical & Health Services Research at HHC
- Stacy-Ann Christian, Esq., MPH, CHRC, CHC

Any questions, please email: RECORD@nychhc.org
Registration is FREE, Seating is LIMITED
AHRQ Funded: Grant 1R13HS019096-01

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Need Help Developing a Protocol? Sign up for a CTSI Studio!

The CTSI announces the availability of **Protocol Studios**. Protocol Studios will offer clinical investigators an opportunity to present their protocols in development for review and critique prior to submission of the protocol to funding agencies. Protocol Studios will also be available for Basic Science faculty who would like to develop translational protocols. The Protocol Studios are not meant to replace ongoing mentoring relationships or to replace specific detailed consultations with such cores as Study Design, Biostatistics or Bioinformatics but are designed to augment these consultations.

Each Protocol Studio will consist of an **hour-long session** during which the investigator will present a brief summary of their proposed study to a select group of faculty. Prior to the presentation, the investigators should submit their a draft protocol and specific aims page to the faculty panel so that the faculty panel can better prepare and critique the study. In addition to a standing committee of senior faculty the faculty panel may also include ad hoc reviewers with relevant expertise.

To request a CTSI Protocol Studio please contact Mark Concepcion mark.concepcion@nyumc.org

ACRP: Site Excellence in Clinical Research

The Association of Clinical Research Professionals (ACRP) New York Chapter
Is proud to present the Fall 2010 Clinical Research Symposium

Brief Program Description: The two-day event will emphasize how to obtain excellence in clinical research and showcase best practices for implementation within regulation. The fall symposium offers panel discussions that will offer the perspectives of regulatory professionals, information technology and data integrity professionals, research administrators, academic sites, industry sponsors, and the FDA. This educational opportunity will expand your knowledge of the current trends in conducting clinical research and provide critical discussion on the advancement of research and best practices.
Registration is required.

Target Audience: Clinical research professionals including CRAs, CRCs, and others in the New York Metropolitan and surrounding areas.

Dates/Times: Friday, September 24, 2010 from 7:30 am—4:30 pm
Saturday, September 25, 2010 from 8:30 am—1:15 pm

Register Online: http://2010symposiumnymetro.eventbrite.com/

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CTSA Clinical & Translational Science Awards ®

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A Welcome Message from the Directors of the CTSI

Bruce Cronstein, MD

Judith Hochman, MD

The Clinical and Translational Science Institute (CTSI) is a partnership between New York University (NYULMC) and the New York City Health and Hospitals Corporation that has been designed to overcome roadblocks to clinical and translational research and to transform the way that research is carried out, enhancing the quality and productivity of the research effort at these institutions and across the nation as part of the NIH/NCRR's CTSA consortium.

The NYU/HHC CTSI has the following aims:

- To increase collaboration among clinical, translational and basic scientists across the colleges and schools of NYU to better determine the relevance and applicability of scientific advances to clinical problems;
- To provide the leadership, infrastructure and resources to support novel science and the rapid, efficient and safe application of scientific discoveries to the community;
- To support the education, training and development of researchers who can carry on the investigations necessary to bring scientific advances to the public;
- To enhance the ties between the research establishment at NYU and the community so as to more rapidly identify health problems, investigate their scientific basis, apply the knowledge gained and promote utilization of new developments and evidence-based medicine by the community.

NYU Langone Medical Center Joins researchmatch.org

NYU Langone Medical Center has joined with over 50 other academic medical centers that are supported by the NIH/NCRR CTSA program to make the researchmatch.org research registry available to researchers and the general public. researchmatch.org is part of the Regulatory Knowledge and Support Core (RKSC) of the NYU-HHC CTSI. researchmatch.org is a national volunteer research registry that connects volunteers who wish to get involved in research studies with research investigators seeking research participants.

How can you get involved?

At this time the primary focus is to boost the **volunteer** population of the registry. Individuals interested in learning more about researchmatch.org are encouraged to visit: https://www.researchmatch.org/?route=nyu. Registration takes between 5 to 10 minutes and volunteers of any age, race, ethnicity or health status are invited to join.

NYU/HHC CTSI investigators (or their designees) who are interested in using RM as a recruitment tool should complete the Researcher Interest Form to be notified about options for utilizing this resource.

rn researchmatch

Inside this issue:

Program Spotlight: Community Engagement and Population Health Research (CEPHR)

The major goals of the **Community Engagement and Population Health Research (CEPHR)** Core are to advance the NYU-HHC CTSI's community engagement agenda in order to foster translational research and the dissemination of relevant, evidence-based interventions in real-world healthcare and community settings (T3 research). To achieve these goals, CEPHR aims to engage community in all phases of the research process including: 1) identifying research priorities, appropriate methods and outreach strategies; 2) collecting data and implementing studies; and 3) participating in evaluation and dissemination activities.

The CEPHR Core has an actively engaged **Community Advisory Board (CAB)** that provides direction and guidance in its program activities. The CAB includes representation from a diverse cross-section of New York City's racial and ethnic communities and integrates different perspectives from government, healthcare, social services, and community leaders. The CAB is chaired by Dr. Rosa Gil, ScD, Director of Communi-life.

CAB members include the following: Luis Garden Acosta (El Puente), William Bateman, MD (Gouverneur Healthcare Services), Milagros Batista (Alianza Dominicana), Mulusew Bekele, MPH, CHES (African Services Committee), Humberto Brown (Brooklyn Afro-American Coalition and Arthur Ashe Institute), Ruth Browne, ScD (Arthur Ashe Institute), Mekbib Gemeda MD (NYU School of Medicine Office of Diversity Affairs), Chandak Ghosh, MD, MPH (Health Resources and Services Administration of the U.S. Department of Health and Human Services), Balavenkatesh Kanna, MD, MPH, FACP (Lincoln Medical and Healthcare Center), Martha Laureano, RN (El Puente), Linda Lee (Korean Community Services), Sergio Matos (Community Health Worker Network of New York City), Jennifer Melendez (Lincoln Medical and Healthcare Center), Walid Michelen, MD (North Bronx/ Generations + Healthcare Network), Mary Mitchell (Manhattan-Staten Island Area Health Education Center), Purnima Naik, MD (Morris Heights Health Center), Jinny Park (Korean Community Services), Perry Pong, MD (Charles B. Wang Community Health Center), Potri Ranka Manis Queano Nur, RN, BSN, MA, BC (Kalusugan Coalition), Jagajit Singh (Hindu Community Outreach Project), David Stevens, MD (Gouverneur Healthcare Services), Thomas Tsang, MD, MPH (Office of the National Coordinator for Health Information Technology).

Catlin Rideout, MPH, the Research Training and Partnership Development Coordinator of the CEPHR Core will be working closely with the CAB to define areas of priority in health and research. Catlin will use a Delphi Technique with its members to elucidate and generate health and research priorities to guide the NYU-HHC CTSI's strategic plan. The Delphi Technique is a methodology used to generate consensus from diverse perspectives and organizational agendas through a multi-method approach of collecting quantitative and qualitative data. The Delphi method will provide an organized and systematic approach for integrating the views of CAB members and creating a cohesive and united vision. The aims of the exercise are to: (1) identify the health priority areas perceived as most important by CAB members; (2) identify the health priority areas that should be given special attention within the NYU-HHC CTSI; (3) recommend research to be undertaken by the NYU-HHC CTSI to address the identified priority areas; and (4) identify shared priority areas among CAB members as areas of potential collaboration.

The CAB is also working with the CEPHR Core to develop the **Community Empowered Research Training Program (CERT),** which is geared to community partners and community-based organizations. CERT aims to foster community-initiated research and also improve research collaborations between academia and communities. Currently, the Core is working on curriculum development and program design. Plans are underway to pilot CERT in the Summer 2010 with CAB partners and their community networks.

Administrative direction and evaluation oversight for the CEPHR Core are provided by Chau Trinh-Shevrin, DrPH, Claudia Calhoon, MPH, and Catlin Rideout, MPH. The CEPHR Core is co-directed by Drs. Mariano Rey and Marc Gourevitch.

For more information, please visit us on the web at http://ctsi.med.nyu.edu/community/about-us

T1/T2 Pilot Projects - Bench to Bedside

The NYU-HHC CTSI announced a Request for Proposals (RFP) for translational-research pilot projects in December 2009. The intent of the NYU-HHC CTSI Translational Research Pilot Project Awards is to support collaborative scientific studies for one year to enable development of preliminary data that will serve as the foundation for submission of translational-research grant applications.

The primary selection criteria were: the quality of the science proposed, the potential of the applicants to acquire future independent funding for the project, the degree to which projects represented collaborations among faculty with diverse expertise. Award amounts ranged from $25,000-$35,000. Recipients of the award are listed below:

PI	Title	School
Stuart Katz	Parasympathetic Regulation of Myocardial Connexin43 in Experimental Ischemia	NYU SOM
Donna Shelley	Developing PDA-based Decision Support for Tobacco Use Treatment in Dental Clinics	NYU College of Dentistry, NYU College of Nursing
Angeliki Kazeros	Biomarkers of Irritant-Induced & Allergic Asthma	NYU SOM
Meredith Wetterau	Topical Angiogenic Gene Therapy: PHD2 siRNA Improves Diabetic Wound Healing	Institute of Reconstructive Plastic Surgery Laboratories (NYULMC)
David Heeger	A Novel Diagnostic Tool for Autism Spectrum Disorders	NYU GSAS & NYU SOM
Tamar Schlick	Novel Fluorescent Riboswitch Design and its Clinical Applications	NYU GSAS & NYU SOM
Jeffrey Berger	Platelet Activity in Peripheral Vascular Disease	NYU SOM
Peng Lee	Signaling Pathway-Based Biomarkers and Targets for Metastatic Prostate Cancer	NYU SOM
Devrim Acehan	Barth Syndrome and Structural Effects of Cardiolipin Depletion	NYULMC, NY Structural Biology Center
Steven Cohen	Clinical and Experimental Significance of CCL Chemokines in Acute Pancreatitis	NYU SOM
Alan Mendelsohn	Using Novel Technology to Assess Biological Indicators of Infant Self-Regulation	NYU SOM & MIT
Meagan O'Brien	Defining Mechanisms of Plasmacytoid Dendritic Cell Dysregulation in HIV Infection	NYU SOM

T3 Pilot Projects with a Community and Population Health Research Focus

The Community Engagement and Population Health Research (CEPHR) Core of the NYU-HHC CTSI launched the first annual Request for Proposals (RFP) for Pilot Projects with a Community or Population Health Focus in February 2010. The goal of this initiative is to stimulate pilot research in "T3" science and to foster development of new NIH funding in this area. "T3" refers to translation of the impact of scientific advances to whole communities or populations.

Examples of methodological approaches eligible for funding included community-based participatory research (CBPR), practice-based research, comparative effectiveness research, cost effectiveness research, behavioral economics, implementation and dissemination research.

The CTSI received 28 applications in response to the RFP within a two-week timeframe. About 75% of these applications were from 12 departments and divisions within the School of Medicine; the remaining 25% were from faculty and NYU-HHC CTSI affiliates from the NYU College of Nursing, NYU College of Dentistry, HHC, and the Arthur Ashe Institute for Urban Health. Each awardee received support in the amount of $45,000 for one-year projects. Recipients of the award are listed below:

"T3 refers to translation of the impact of scientific advances to whole communities or populations."

Name	Title	Department	Community of Impact	Method
Laurie Brotman, PhD	Culturally-Informed Early Prevention for Spanish-speaking Immigrant Families	Department of Child and Adolescent Psychiatry	Latino children and families	Practice-based implementation research
Brian Elbel, PhD, MPH	The Behavioral Economics of Food Choice	Department of Medicine, DGIM/Wagner	Bellevue outpatients	Behavioral economics
Marilyn Fraser-White, MD (NYU Faculty Joseph Ravenell is an advisor to the project.)	Stylists as Heart Health Advocates - A Pilot Intervention for African American Women	Arthur Ashe Institute for Urban Health/SUNY Downstate	African-American women	Community-based participatory research
Stuart Katz, MD, MS	Prevalence and Correlates of Clinical Inertia in Ambulatory Care	Department of Medicine, Division of Cardiology	Bellevue adults w/ cardiovascular Disease	Practice-based research
Maria Raven, MD, MPH, MSc	Frequent Emergency Department Users: a State-wide Analysis	Emergency Medicine/ Dept. of Medicine, DGIM	New York State Medicaid enrollees	Large data-set analysis

CTSI Awards TL1 Trainees

The TL1 program, a component of CTSI's Translational Research Education and Careers (TREC), is a University-wide training opportunity that focuses on the support and development of doctoral candidates seeking careers in translational research. This January, an inaugural cohort of six advanced doctoral students was selected. Dr. Perry Halkitis of the Steinhardt School of Education and Dr. Jan Blustein of the Wagner School of Public Service oversee the scholars' discipline-based studies, with integrative educational and training experiences led by a wide spectrum of translational scientists.

The TL1 scholars who hail from several schools of the University and have diverse interests are listed below.

Trainee	Interest	School/Department/Division	Mentor
Kevin Cromar	Studies risk factors (socioeconomic status, proximity to traffic) for asthma hospitalization in urban populations.	GSAS (Dept of Environmental Medicine)	George Thurston
Garrett Daniels	Aims to identify the relationship between androgen coactivator TBRL1 and the clinical behaviors of prostate cancer.	Sackler (Dept of Pathology)	Peng Lee
Iris Lin	Aims to look at factors influencing health decision-making using behavior economics, decision sciences, and cost-effectiveness evaluation.	Wagner (Dept of Health Policy)	Brian Elbel
Farron McIntee	Evaluates brain amyloid-β clearance, amyloid load and Alzheimer's disease progression using a combination of approaches.	Sackler (Dept of Pathology)	Jorge Ghiso
Laura Nondorf	Aims to improve a mouse model and test the hypothesis that antibiotics in pediatric subjects alters the intestinal microbiome.	Sackler (Dept of Microbiology)	Martin Blaser
Todd Solomon	Seeks to understand the mediation process by which methamphetamine use may induce sexual risk-taking.	Steinhardt (Dept of Applied Psychology)	Perry Halkitis

CTSI Announces KL2 Scholars

In the CTSI's Translational Research Education and Careers (TREC) component, its KL2 program, directed by Dr. Christine Kovner of the College of Nursing, Dr. Xavier Castellanos of the School of Medicine, and Dr. Ralph Katz of the College of Dentistry, recently awarded the prestigious KL2 training grant to four translational researchers. These awardees, well on their way to research independence, will benefit from formal didactic work, mentorship, and collaboration with schools beyond their own.

The four recipients of this award are listed below:

Trainee	Interest	School Dept/Division	Mentor
Kelley Newlin	Study proposes an innovative translation of the Diabetes Prevention Program and Diabetes Self-Management Education interventions into a faith-based setting as a combined, intensive lifestyle intervention for diabetes prevention and management with explicit incorporation of CBPR.	Dentistry (Nursing)	Mariano Rey
Sumathi Sivapalasingam	Aims to test the primary hypothesis that HIV-uninfected and HIV-infected Kenyan women have significantly higher levels of immune activation markers compared to HIV-uninfected and HIV-infected Kenyan men.	Medicine (Infectious Diseases)	Fred Valentine
Jessica Donington	Research project will investigate the divergent role of osteopontin (OPN) isoforms in non-small cell lung cancer (NSCLC).	Cardiothoracic Surgery (Thoracic Surgery)	Harvey Pass
Jennifer McNeely	Aims to improve the health of substance users and apply population health research methods to optimize health outcomes through integration of drug treatment with existing health services.	Medicine (General Internal Medicine)	Marc Gourevitch

KL2 scholars will be prepared for careers in clinical and translational research, and develop into independent researchers.

Web Services for Preventive Health

In the coming weeks, NYU and HHC's Bellevue Hospital will be testing the first stages of a new, more flexible approach to clinical decision support that promises to greatly expand HHC clinicians' access to patient-specific preventive health information.

The Web Services for Preventive Health (WSPH) project will deploy the power of an NYU Medical Center-based decision support web service to instantly analyze patient data captured within the HHC electronic health record (EHR). Once fully implemented, WSPH will run real-time decision-support algorithms to see whether additional interventions may be needed. This pilot project, sponsored by a grant from the National Institutes of Health's National Library of Medicine and implemented by John Chelico, Marc Triola, Louis Capponi and Alfred Garofalo, will focus on four clinical areas: screenings for colon cancer, Chlamydia, smoking and pneumonia vaccination. When a patient is registered at the Bellevue Hospital Adult Medicine Clinic, the web-based WSPH application will analyze de-identified demographic information, patient history, and past procedures to instantly generate a set of recommendations informing the clinicians of recommended interventions.

Web services are the future of decision support in Medicine. Today, decision-support rules and logic are imbedded within the EMR. This requires that the decision support be built and maintained separately in each EMR. With the introduction of web services, standardized algorithms can be offered by third parties, such as professional medical organizations or universities. Users of the EMR can subscribe to the decision-support service which is updated as best practices evolve. All without having to reprogram the EMR! Since the service is platform neutral, any EMR with web-service capability should be able to connect. While this pilot focuses on very basic decision supports, in the future such web services will be used to process much more complex information. For example, patient-specific genetic and epi-genetic profiles might be combined with environmental exposures to provide analyses of disease risk or therapeutic choice for a specific patient.

The project's main technical challenge has been to develop interfaces that can securely bring large amounts of a particular HHC patient's data into the decision support engine while providing virtually instant turnaround time. The team will be building an HL7 message based interface between Quadramed EHR and an HHC-based Interface engine called Ensemble. The Ensemble Interface Engine will remove any personal health information from the message, convert it to an XML-based message and send it to the WSPH Server located at NYU Langone Medical Center. The WSPH server will then reply back to Ensemble with an XML message of patient-tailored recommendations. These recommendations will then be married to the personal health information of the patient and transferred back to the Quadramed EHR System at Bellevue Hospital. The recommendations will be stored in the chart review of a patient's record and can be viewed by all healthcare providers involved with the patient. Building this infrastructure for the WSPH project is underway, and the team hopes to have a functional exchange of data by May 2010.

For questions about this project please contact the Grant's Principal Investigator Dr. John D. Chelico at john.chelico@nyumc.org.

New Research Page in MISYS

Up until two years ago, although Bellevue Hospital's computer system (MISYS) clearly identified patients using the Clinical Research Center (CRC) as research subjects, it did not allow documentation of the patient's research profile, including protocol title, physician, contact information, research medication or procedures. Over the last two years, the CTSI nursing staff on Bellevue 8East, recognizing the need for a research page in MISYS, has been working with Bellevue Hospital IT services and Bellevue Nursing IT services to upgrade the computer system to include this vital information. We are pleased to report that as of March 2010, MISYS now includes such a research page that incorporates all pertinent research information. The CTSI nurses have begun to enter this data into the research page for all new CTSI studies involving medication and invasive procedures. This means that the entire Bellevue Hospital community of healthcare providers now has direct access to and an expanded view of their patients' research health profile. Having this information centrally available can only enhance patient safety. For instance, when a patient enters the emergency room, the physician may discover in MISYS that the patient is on a research protocol receiving research medication, which may impact the outcome of the care provided. This also allows the physician to contact the research investigator of the study, if needed. The research page in MISYS is a work in progress as the program evolves to become more time efficient and to meet the changing needs of the users.

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Need Help Developing a Protocol? Sign up for a CTSI Studio!

The CTSI announces the availability of **Protocol Studios**. Protocol Studios will offer clinical investigators an opportunity to present their protocols in development for review and critique prior to submission of the protocol to funding agencies. Protocol Studios will also be available for Basic Science faculty who would like to develop translational protocols. The Protocol Studios are not meant to replace ongoing mentoring relationships or to replace specific detailed consultations with such cores as Study Design, Biostatistics or Bioinformatics but are designed to augment these consultations.

Each Protocol Studio will consist of an **hour-long session** during which the investigator will present a brief summary of their proposed study to a select group of faculty. Prior to the presentation, the investigators should submit their a draft protocol and specific aims page to the faculty panel so that the faculty panel can better prepare and critique the study. In addition to a standing committee of senior faculty the faculty panel may also include ad hoc reviewers with relevant expertise.

To request a Protocol Studio please contact Mark Concepcion mark.concepcion@nyumc.org

Sign up for a Statistical Consulting Workshop!

Study Design, Biostatistics, and Clinical Research Ethics Core presents:
Statistical Consulting Workshops

Statistics Consulting Workshops offer an opportunity for researchers to obtain a brief statistical consultation regarding study design and analysis issues. These workshops also provide an opportunity to learn about the resources that are available for statistical consultation and collaboration. **Registration is required.**

Times: **Tuesday May 18, 2010**
1:30 -3:30 pm

Location: **650 First Avenue (between E. 37th and E. 38th Streets)**
5th Floor Conference Room

To Register, please contact Bernice Townsend at x30363 or Bernice.Townsend@nyumc.org

Note: You will be asked to provide some information about your project prior to attendance.
Refreshments will be served.

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